

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 6, line 10 with the following amended paragraph:

As shown in Figure 2(a), a low K dielectric layer 20 is formed above a semiconductor 10. Any number of intervening layers can be formed between the semiconductor 10 and the low K dielectric layer 20. Some of these intervening layers will include metal lines and addition additional dielectric layers. Electronic devices such as transistors, diodes, etc. will be formed in the semiconductor 10 and have been omitted from all the Figures for clarity. Low K dielectric material used to form layer 20 is defined for purposes of this invention as a dielectric material with a dielectric constant of approximately \leq 3.7. The term low K dielectric is also intended to include dielectric material with a dielectric constant of \leq 3.2. The term low K dielectric is also intended to include the class of ultra-low K dielectric material which is defined as dielectric material with a dielectric constant of \leq 2.5. Various embodiments of the instant invention can include the following low K and ultra-low K dielectric materials: silsesquioxane (SSQ)-based materials, e.g., methysilsesquioxane (MSQ), or hydrogensilsesquioxane (HSQ), silica-based materials, e.g., carbon- or fluorine- doped silica glasses, organic-polymer-based materials, amorphous-carbon-based materials, and any other dielectric material that can be made with porous characteristics to reduce the dielectric constant. In general low K dielectric material has pores that can be described as open spaces within the dielectric material. In an embodiment the pores in the low K dielectric layer can comprise an average pore size (or pore diameter) of 1nm or larger. In a further

embodiment the pores in the low K dielectric layer can comprise an average pore size (or pore diameter) of 2nm or larger.